



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): Dean L. Engelhardt et al.

Serial No. 08/486,069

Group Art Unit: 1634

Filed: June 7, 1995

Examiner: Ardin H. Marschel, Ph.D.

Title: NUCLEIC ACID HYBRIDIZATION DETECTION
AND SEQUENCING PROCESS

35/M
B. Webb
5/27/99

FILED BY EXPRESS MAIL

Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

Sir:

Transmitted herewith is Applicants' Fourth Supplemental Amendment Following Applicants' March 29, 1999 Third Supplemental Amendment, Their February 2, 1999 Second Supplemental Amendment, Their July 24, 1998 Supplemental Response And Their July 6, 1998 Amendment Under 37 C.F.R. § 1.116 in the above-identified patent application.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total	249	Minus	125	=124	X18.00	\$2,232.00
Indep	9	Minus	9	=0	X78.00	\$ 0
()	First Presentation of Multiple Dependent Claims				+270.00	\$ 0
	TOTAL ADDITIONAL FEE					\$2,232.00

(X) Charge Deposit Account No. 05-1135 in the amount of \$2,232.00

() A check in the amount of \$_____ is attached.

(X) The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 05-1135 any filing fees under 37 C.F.R. §1.16 for the presentation of extra claims and any patent application processing fees under 37 C.F.R. §1.17.

Copies are being provided in triplicate.

Also enclosed: N/A

05/06/1999 DUONG 00000059 051135 08486069

01 FC:103 2232.00 CH

May 1, 1999

Date

Respectfully submitted,

Ronald C. Fedus
Registration No. 32,567
Attorney for Applicant(s)

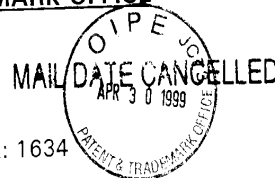
ENZO DIAGNOSTICS, INC.
c/o Enzo Biochem, Inc.
527 Madison Avenue (9th Fl.)
New York, New York 10022
Tel. (212) 583-0100

Attorney's Docket No.: Enz-5(D8)(C2)

EXPRESS MAIL CERTIFICATE	
"Express Mail" Label No.	EL369155019US
Deposit Date	MAY 1, 1999
I hereby certify that this paper and the attachments herein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington DC 20231	
	MAY 1 1999
Ronald C. Fedus Reg. No. 32,567	Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): Engelhardt et al.

Serial No.: 08/486,069

Filed: June 7, 1995

For: PROCESSES FOR NUCLEIC ACID
HYBRIDIZATION DETECTION, NUCLEIC
ACID SEQUENCING AND CHROMOSOMAL
CHARACTERIZATION (As Amended)

Group Art Unit: 1634

Examiner: Ardin H. Marschel, Ph.D.

527 Madison Avenue (9th Floor)
New York, New York 10022
May 1, 1999

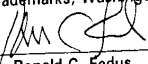
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Washington, D.C. 20231

**FOURTH SUPPLEMENTAL AMENDMENT FOLLOWING APPLICANTS' MARCH
29, 1999 THIRD SUPPLEMENTAL AMENDMENT, THEIR FEBRUARY 2, 1999
SECOND SUPPLEMENTAL AMENDMENT, THEIR JULY 24, 1998
SUPPLEMENTAL RESPONSE AND THEIR JULY 6, 1998 AMENDMENT
UNDER 37 C.F.R. §1.116**

Dear Sirs:

In connection with their above-identified application, Applicants are submitting this Fourth Supplemental Amendment which follows their March 29, 1999 Third Supplemental Amendment, their February 2, 1999 Second Supplemental Amendment, their July 24, 1998 Supplemental Response and their July 6, 1998 Amendment Under 37 C.F.R. §1.116. No fee is believed due for this Fourth Supplemental Amendment, a Request For An Extension Of Time (3 months) and extension fee having been filed and authorized concurrently with Applicants' July 6, 1998 Amendment.

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 Ronald C. Fedus Reg. No. 32,567	MAY 1 99 Date